

Title (en)

MOTOR ENERGISATION CONTROL CIRCUIT

Title (de)

MOTORSTEUERUNG

Title (fr)

CIRCUIT DE COMMANDE D'ALIMENTATION DE MOTEUR

Publication

EP 1282938 B1 20080102 (EN)

Application

EP 01934117 A 20010509

Priority

- GB 0102019 W 20010509
- GB 0011030 A 20000509

Abstract (en)

[origin: WO0186800A1] The circuit comprising a solid state switch connected in series with a motor and an AC supply. The switch is cyclically switched on and off so as to control the supply of current to the motor by controlling the proportion of time for which the solid state switch is turned on. The magnitude of the current supplied is sensed and the value either of the sensed current or of a function of the current is generated. The period during which the switch is off in each cycle of the supply is controlled to minimise the calculated value, and thereby to increase the efficiency of utilisation of the supplied power.

IPC 8 full level

H02P 27/02 (2006.01); **H02P 25/14** (2006.01)

CPC (source: EP)

H02P 25/14 (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0186800 A1 20011115; AT E382980 T1 20080115; AU 6042301 A 20011120; DE 60132195 D1 20080214; DE 60132195 T2 20090108; EP 1282938 A1 20030212; EP 1282938 B1 20080102; GB 0011030 D0 20000628

DOCDB simple family (application)

GB 0102019 W 20010509; AT 01934117 T 20010509; AU 6042301 A 20010509; DE 60132195 T 20010509; EP 01934117 A 20010509; GB 0011030 A 20000509